

Abstract of the Disclosure

5 A system for providing network security through manipulating data
connections and connection attempts over a data-packet-network between at
least two network nodes is provided. The system includes a system host
machine, a first software application residing on the host machine for
detecting and monitoring connection activity, a data store for storing
connection related data, and a second software application for emulating one
10 or more end nodes of the connections or connection attempts. In a preferred
embodiment the system uses the detection software to detect one or more
pre-defined states associated with a particular connection or connection
attempt including states associated with data content transferred there over
and performs at least one packet generation and insertion action triggered by
15 the detected state or states, the packet or packets emulating one or more end
nodes of the connection or connection attempt to cause preemption or
resolution of the detected state or states.